



**CONTRACTORS STATE LICENSE BOARD
LICENSE EXAMINATION STUDY GUIDE**



CERAMIC AND MOSAIC TILE (C-54)

Content of the Examination

The Ceramic and Mosaic Tile (C-54) Examination is divided into five major sections:

1. Planning, Material Selection, and Estimating (19%)

- Planning
- Material selection
- Estimating

2. Preparation for Tile and Stone Installations (22%)

- Demolition, disposal, and job site preparation
- Substrate preparation
- Membranes and barriers

3. Installation and Repairs (30%)

- Installing tile and stone
- Joint treatment for tile and stone installations
- Repairs and restoration
- Showers and steam rooms

4. Specialty Tile Installations (18%)

- Specialty tile installations
- Slab and stone installations

5. Worker and Job site Safety (11%)

- Personnel safety
- Equipment safety
- Environmental safety

Percentages are approximate

Test Site Policy

This is a closed-book examination. No reference materials may be used during the examination. All materials brought to the examination site must be left in an unmonitored area at your own risk.

Test Strategy

This is a multiple-choice examination with four choices per question. Some questions require mathematical computation. Examination questions are written to provide only one BEST answer and are NOT written as trick questions.

There is no penalty for guessing. If you are unsure about a particular question, it is better to try to answer the question than to leave the question blank.

Ample time is provided to answer all examination questions, so be sure to read each question and its four choices completely and carefully before selecting the BEST possible answer to the question.

Sample Questions

The following questions are typical of the types of items that are on the examination. The correct answer is marked with "➡."

1. How many square feet of tile are needed for an area that measures 2-1/2" by 4" on a plan that is drawn to an 1/8" scale?
 - a. 10 sq. ft.
 - b. 160 sq. ft.
 - c. 576 sq. ft.
 - ➡ d. 640 sq. ft.
2. Which of the following types of tile requires sealing before grouting?
 - a. Vitreous body
 - b. Semi-matte
 - ➡ c. Crackle-glazed
 - d. Ceramic
3. Assuming that a bag of grout covers 75 sq. ft., how many bags are needed for a 25' x 23' room?
 - a. 6 bags
 - b. 7 bags
 - ➡ c. 8 bags
 - d. 9 bags

All questions are written and reviewed by licensed contractors who are actively working in the field

Resources

Publisher information for reference books and code is provided below. Other sources for purchasing books and for viewing code may be found online.

TCNA Handbook for Ceramic, Glass, and Stone Tile Installation (2013). Tile Council of North America, Inc.
PHONE: (864) 646-8453
INTERNET: www.tileusa.com

ANSI A108/A118/A136.1 Specifications for the Installation of Ceramic Tile (2013). Tile

Council of America, Inc.

PHONE: (864) 646-8453

INTERNET: www.tileusa.com

Dimension Stone Design Manual. Version

7.2. Marble Institute of America.

PHONE: (440) 250-9222

INTERNET: www.marble-institute.com

State of California General Industry & Electrical Safety Orders (Cal/OSHA) and State of California Construction Safety Orders (Cal/OSHA). 2012. California Code of

Regulations, Title 8. Mancomm.

PHONE: (877) 626-2666

INTERNET: www.mancomm.com

California Plumbing Code (2013).

International Association of Plumbing and Mechanical Officials (IAPMO).

PHONE: (800) 854-2766.

INTERNET: www.iapmo.org

NTCA Reference Manual and Specifications (2013/2014). National Tile Contractors

Association.

PHONE: (601) 939-2071

INTERNET: www.tile-assn.com

Publisher information is current as of 1/14